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# FOLIO

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## Canada, the World and the Future

For one week in February experts from across North America will gather on campus to discuss some of the critical issues facing the nations of the world. The Second Annual Conference on "Canada, the World and the Future," sponsored by the office of the Vice-President (Research), will take place during Reading Week, 20 to 24 February. (The first such conference took place last March as part of the University's 75th anniversary celebrations. Baha Abu-Laban, Associate Vice-President (Research), expressed the hope at that time that the concept would be an on-going one, an annual event under the same title but with different sub-themes.)

The conference is an interdisciplinary one: experts from this University will join national and international dignitaries in addressing a number of key questions: (1) Education, Technology and Employment; (2) Bigotry and Discrimination in Canada; and (3) Life and Death Issues.

### *Education, Technology and Employment*

Four sessions (all to be held in 2-115 Education North) focusing on various aspects of Education, Technology and Employment herald the beginning of the conference. The first of these, "Technological Change: What Can We Expect?" begins at 1:45 p.m. Monday, 20 February. Terry Caelli, Killam Professor of Psychology, will lead a session on the transformations which are occurring, and will continue to

occur, in business and industry due to the rapid growth of technology. Developments in the computer, telecommunications, and manufacturing industries will be examined and the effects of these changes on the work force and consumer society will be discussed. Confirmed members of the panel are Henry Baltes, Tory Professor of Electrical Engineering; David Agnew, Northern Telecommunications; and George Gray, Chairman of International Microelectronic Products, San Jose, California (a.k.a. Silicon Valley).

"Educating for Technological Change" will examine two key questions relating to education and technological development: (1) how can education systems be planned which adjust to new developments in technology as well as train people for an expanding technological society; and (2) what effects are occurring in educational organizations due to technological innovations. Peter Miller, Dean of Students, will be chairman of the 7:30 Monday evening session. Panel participants will include Fil Fraser, CKUA (Access Radio); Desmond Berghofer, Assistant Deputy Minister, Alberta Advanced Education; and Kazim Bacchus, Professor of Educational Foundations.

On Tuesday, 21 February, at 2 p.m., Robert Greenhill, President of the Students' Union, will introduce "Job Training Versus Education: A Dilemma?" The focal point of this third session will be a review of philosophies about, and commitments to, tra-

ditional education programs in light of an expanding technological society. President Horowitz will be joined by representatives of three major constituent groups on the panel which will address itself to questions relating to the balance between industrial needs and individual preferences.

The final session in the Education, Technology and Employment series will begin at 7:30 p.m. Tuesday, 21 February. J. Gordin Kaplan, Vice-President (Research), will moderate the "Effects of Technological Change in Man and Society." Norman Wagner, President, University of Calgary; and Albert Teich, American Association for the Advancement of Science, will be joined on the panel by representatives of private industry and Alberta labor groups.

### *Bigotry and Discrimination in Canada*

Bigotry and Discrimination in Canada will be the focus of two sessions to be held Wednesday, 22 February, in 2-115 Education North. Carl Urion, Advisor, Native Affairs, will moderate the first of these, "Unity in Diversity: Cliche or Truism?" Beginning at 2 p.m., the participants—Chancellor Savaryn; Jamshed Mavalwala, Professor of Anthropology, University of Toronto; Karl Peter, Professor of Sociology and Anthropology, Simon Fraser University; and Stephen Hume, Editor, *The Edmonton Journal*—will explore the image

of Canada as an ethnically plural society.

"Self-Government for Aboriginal Peoples: Political Rights Unfulfilled?" is an evening session scheduled to begin at 7:30. Under the chairmanship of Gurston Dacks, Political Science, the panel will explore the issue of self-government for aboriginal peoples in Canada. Several key questions will be examined by panel participants Keith Penner, MP, Ottawa; Elmer Ghostkeeper, President, Federation of Métis Settlements; Michael Asch, Professor of Anthropology; and Roy Louis, Board Member for Treaty 6, Hobbema, Alberta.

### *Life and Death Issues*

Two panel discussions and an artistic presentation confronting Life and Death Issues will conclude the conference. On Thursday, 23 February, a session entitled "What is Life? What is Death?" will provide a general introduction to the topic of death and dying, with emphasis on the needs and experiences of both patient and those who are left to mourn. Jean Forest, Chancellor Emeritus, will moderate a panel which includes Herman Feifel, Chief Psychologist, VA Outpatient Clinic, Los Angeles, California; and Paul Rosenblatt, Professor of Family Social Science, University of Minnesota. "What is Life? What is Death?" will be held in 231-237 Law Centre beginning at 2 p.m.

"Death: A Celebration or Endings According to the Arts,"

a program of song, poetry, and dance, will be held in Convocation Hall Thursday evening at 8 p.m. Harold Wiens, Music; Bill Meilen, Drama; and the Orchestris Creative Dance Group will perform.

"Why Do Children Have to Die?" is a question much in the news of late. And it is a question that will be the focus of the final event in the conference. David Skelton, Chairman, Geriatric Medicine, Youville Wing, Edmonton General Hospital, will lead a discussion on the ethics of decisions that have to be made when a child is dying. David Roy, Director of the Centre for BioEthics, Clinical Research Institute of Montreal; and Robert Fulton, Professor of Death Education and Research, University of Minnesota, are guest speakers for the session which begins at 2 p.m. Friday, 24 February, in 231-237 Law Centre.

"Canada, the World and the Future" will conclude with remarks by Vice-President Kaplan. All sessions are free of charge and the public is welcome to attend. More information on the conference may be obtained by contacting the Office of Community Relations, 423 Athabasca Hall, telephone 432-2325. □

## FOLIO

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The Office of Community Relations  
423 Athabasca Hall  
The University of Alberta  
Edmonton, Alberta T6G 2E8  
(403) 432-2325

All enquiries and correspondence should be directed to:  
Ron Thomas  
Editor

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page two, Folio, 26 January 1984

## Ranks of University Professors Increase by Two

The outstanding achievements of two members of our academic community have earned them special recognition. At the January meeting of the Board of Governors, President Horowitz announced that in honor of their contributions to research, teaching and community service, Mary Spencer and Ronald Coutts have been named University Professors.

Only ten other academics have been appointed to the prestigious position since its creation in 1967. The title is intended to recognize the achievements of those individuals whose work is interdisciplinary in nature; to bestow honor upon them; and, most importantly, to provide arrangements for the use of their special talents as scholars and teachers throughout the University.

Mary Spencer is a Professor of Plant Science, Faculty of Agriculture and Forestry. She is internationally known for her work on ethylene and on energy production and utilization in plants. Her research deals with both fundamental, basic science (for example, her studies on the molecular basis of the hormonal activity of ethylene), and with the applied (such as her current work on the possible use of ethylene to synchronize germination of weed seeds so that one weed control treatment will be effective).

Her University service has led her to become involved in public service as well. She is currently a member of a scientific panel established by the National Research Council's Associate Committee on Scientific Criteria for Environmental Quality to study ethylene in the environment. The panel will prepare a document that examines the critical scientific issues and clarifies the fundamental concepts on which criteria are based. It will also identify research needs and priorities. Dr. Spencer has been a member of numerous other national committees whose investigations have included the areas of pesticides, forestry



Mary Spencer

research, and the law of the sea.

A native of Regina, Dr. Spencer received her undergraduate degree from the University of Saskatchewan and her post-graduate degrees from Bryn Mawr College and the University of California, Berkeley. She joined the University's Department of Biochemistry in 1953 and moved to Plant Science in 1963. Her University responsibilities have extended far beyond teaching and research: she has been a member of the Board of Governors, the Faculty Councils of Arts and Science, Medicine, Home Economics, and the University Research Policy Committee.

Dr. Spencer has been recognized by election to the Royal Society of Canada and the Chemical Institute of Canada. She was awarded a 1983 University McCalla Research Professorship.

Ronald Coutts, Professor and Associate Dean (Graduate Studies) in the Faculty of Pharmacy and Pharmaceutical Sciences, is also an internationally-recognized scholar. His work crosses many disciplines and includes the analysis of drugs, drug metabolism, toxicity of drugs, and neurochemistry. He was a prime mover behind the establishment of a strong, active, collaborative neurochemical research group at the University, a unit which includes staff from



Ronald Coutts

the Faculty of Pharmacy and Pharmaceutical Sciences and the Faculty of Medicine's Department of Psychiatry.

Knowledgeable in the analysis of drugs abused in sport, Dr. Coutts was co-director of the 1978 Commonwealth Games Drug Testing Program and, in 1983, was a member of the Dope Testing Committee for the World University Games. He has also been an expert witness on drug analysis in many court cases.

Born in Scotland, Dr. Coutts received his doctorate from Glasgow University and was awarded a DSc from the University of Strathclyde. He joined the University's Faculty of Pharmacy in 1966 following several years at the College of Pharmacy, University of Saskatchewan.

Dr. Coutts is an active member of the University community. He has served as President of the Academic Staff Association, is currently in his third term as a member of General Faculties Council, and is a member of the Board of Governors.

He is a Fellow of the Chemical Institute of Canada, the Pharmaceutical Society of Great Britain, and the Royal Society of Canada. He was the first recipient of the McNeil Research Award, given in recognition of excellence in pharmaceutical research. □

## Specialist in Educational Measurement to Visit

Ross E. Traub of the Ontario Institute for Studies in Education (OISE), Toronto, has accepted an appointment as Distinguished Visitor to the University of Alberta. He will be here from 30 January to 2 March. Dr. Traub, whose visit is sponsored by the Endowment Fund for the Future, will be hosted by the Department of Educational Psychology.

Dr. Traub is a specialist in educational measurement. His research interests extend from psychometric theory to program evaluation. He has more than 60 monographs, journal articles and technical reports to his credit. Dr. Traub is well known by specialists in educational measurement as a leader in the field of applied psychometrics. He has served on the editorial boards of major measurement journals, is currently Editor of the *Journal of Educational Measurement*, and has just completed a chapter for the *Annual Review of Psychology*.

Dr. Traub's training began at the University of Alberta. In

1961, he won the prestigious Educational Testing Service Psychometric Fellowship for doctoral work at Princeton University. Following completion of his PhD in 1964, he joined the staff of the Department of Psychology at McGill University, and moved to OISE in 1966, where he became Professor of Educational Measurement in 1975.

He was appointed Chairman of the largest department of Measurement and Evaluation in Canada in 1979, and since that time has maintained a strong program of research and evaluation. His critical review of latent trait theories, co-authored with Richard Wolfe and published in 1981, is a significant contribution to a field characterized by its enormous volume and complexity.

While at the University of Alberta, Dr. Traub will present: (1) A public address entitled "High School leaving examinations and equity of access to University." (23 February, 7

p.m., 129 Education South.) (2) Three seminars intended for staff, graduate students, and measurement specialists in government and local school boards. The seminars will focus on developments in educational testing. (2 and 16 February, 1 March, 2 p.m., 129 Education South.)

In addition, Dr. Traub will be teaching a "multivariate" module in Educational Psychology 504 and preparing a paper for Education Psychology regarding possible changes and future directions in the uses of personnel and resources in the measurement area within Educational Psychology.

Dr. Traub will be available for consultation with others in the University and can be reached at 432-5245. □

## CANSAVE: A Success Story

Herewith, the "Annual Report" of the Department of English's efforts on behalf of CANSAVE (Canadian Save the Children Fund).

From the Graduate Students of English Association: \$200

From the Bookbox: \$900

From the sale of CANSAVE

Christmas Cards: \$1,700

Total for 1983: \$2,800

Speaking for the department, N. Parker-Jervis expresses "grateful thanks to all concerned." □

## Correction

Concerning the 12 January *Folio* article entitled "Garneau Village Hotel," Garneau Guest Housing is only available to visiting University academics and dignitaries, and only on a weekly or monthly basis. Maid service is available and not all units have balconies. For information, contact Conference Services, 432-4281. □

## A Measure of Russian History in Two Easy Lessons

Wladyslaw A. Serczyk of Jagellonian University, Krakow, Poland, is a visitor in the Department of History until 15 February.

Professor Serczyk occupies the Chair of East European History at Jagellonian University. From 1974 to 1978, he was Director of the Jagellonian Library (one of Poland's major university and research libraries). Since then Professor Serczyk has been that university's Vice-President for Academic Affairs.

He is a Member of the Presidium, Committee for Historical Sciences, Polish Academy of Sciences; a member of the Polish-Soviet Historical Commission, the International Commission for

Slavic Studies; and sits on the Editorial Board of Harvard Ukrainian Studies. Professor Serczyk has published 15 books and approximately 400 other publications.

On 31 January, Professor Serczyk will give a public lecture on "Peter the Great's Russia Faces the West." A second public lecture, to be held 7 February, is entitled "Russian Enlightened Absolutism." Both lectures will begin at 3:30 p.m. in 2-58 Henry Marshall Tory Building.

Following Professor Serczyk's visit in the History Department, he will be Visiting Professor in the Canadian Institute of Ukrainian Studies. □



## Emil Skarin Fund

### Invitation to apply

Applications are invited to the Emil Skarin Fund Committee of the University Senate for a 1984 project or projects worthy of financial support amounting to approximately \$5,000 from the Fund.

Projects must be of value both to the public as well as to the University of Alberta; be consistent with the general aims and purposes of this University; and not normally funded by it.

Preference will be given to projects with an emphasis on the humanities and the arts, but there are no restrictions on the nature of eligible projects. Project proposals should include objectives, schedule, budget, and procedures for organization and evaluation.

Application forms are available on request, and should be returned, completed, by 1 March 1984.

### The Chairman

Emil Skarin Fund Committee  
The University of Alberta  
150 Athabasca Hall  
Edmonton, Alberta T6G 2E8  
Tel. 432-2268

## Some Questions of Balance

The establishment of a national strategy for higher education is the central recommendation of *Some Questions of Balance*, the third and final volume of the report of the Commission on Canadian Studies. Written by Thomas Symons, Chairman of the Commission and Vanier Professor at Trent University, and James Page, Director of Canadian Studies, Secretary of State, the report concentrates on issues relating to the supply of human resources produced by and for Canadian higher education. Its main theme is the need for balance, realism, and equity in the development and deployment of highly qualified graduates.

The Commission on Canadian Studies was established by the Association of Universities and Colleges of Canada (AUCC) in 1972 to "study, report and make recommendations on the state of teaching and research in areas of study relating to Canada at Canadian universities."

Copies of *Some Questions of Balance* are now available from

the AUCC Publications Office, 151 Slater Street, Ottawa, Ontario K1P 5N1 at a cost of \$10 per copy. □

## Avoiding Skid Row

The Department of Occupational Health and Safety will offer a series of free defensive driving courses in February and March.

The series will centre on ways of avoiding accidents and improving driving skills.

For registrants with demerit points, completion of the course and the passing of a written examination will result in the remission of three such points.

Courses will be offered 15 and 16 February, 1 to 5 p.m.; 20 to 23 February, 11 a.m. to 1 p.m.; 1 and 2 March, 4 to 8 p.m.; 5 and 6 March, 7 to 11 p.m.; and 12 to 15 March, 4 to 6 p.m. Enrolment is limited to 25; further information can be obtained by calling 432-5614. Course locations will be announced later. □

## Faculty Exchange Available

Income from an endowment established by the Hon. James Horsman during his term as Minister of Alberta Advanced Education and Manpower is now available to fund a faculty exchange between the four Alberta universities and the University of Leeds.

The endowment to the Foundation for Canadian Studies in the U.K. was made on behalf of the Government of Alberta. It provides for a maximum of two exchanges each year, and is intended to assist Alberta faculty in "any area of study which could qualify as Canadian Studies" to spend a term or more in Leeds (a U.K. designated "Centre for Canadian Studies"), and to assist staff at the University of Leeds teaching about Canada to visit a university in Alberta.

Recipients of an exchange award will be expected to "undertake some teaching as well as research and make themselves available for consultation with students and members of the department concerned." The award, which can be held in conjunction with a sabbatical or any other type of leave, is open to any faculty members of Alberta's four universities although preference will be given to junior faculty.

The program is administered in Alberta by the Universities Coordinating Council. More information may be obtained from Larry Henderson, Secretary, Universities Coordinating Council, 243 Athabasca Hall, telephone 432-3481 or 432-4989. The deadline for applications is 1 March 1984. □



A friendly atmosphere is guaranteed at the SUBWAY, the University's newest eating establishment. The Saucy Noodle, Jumbo's, and Greenfields—components of the SUBWAY—are swathed in planters and there is plenty of wall relief. An objective of the SUBWAY is to offer a "nice seating area," one that will ease the strain on the CAB cafeteria and other outlets. Since the opening 9 January, it's been thumbs up.

## New Plays Featured at Festival

Aspiring Shakespeares and Neil Simons will have their kick at the cat when the Department of Drama and the Alberta Playwrighting Centre sponsor the New Play Festival, 27 January to 5 February.

The Festival, produced in conjunction with Northern Light Theatre, will bring to campus some of the most highly respected playwrights and theatre directors in Canada; they will hear and critique the works of eight new Alberta playwrights 27 to 29 January at 8 p.m. in the Humanities Lecture Theatre 1.

On 1 February, Henry Kreisel, University Professor in the Department of Comparative Literature, will moderate a public seminar on "New Directions in Canadian Theatre." Guest speakers will be Urjo Kareda, Artistic Director of Toronto's Taragon Theatre, and Alberta playwright Sharon Pollock. The seminar will also be held at 8 p.m. in Lecture Theatre 1.

Public readings will be held in Studio Theatre 2 February, 8 p.m.; 3 February, 5 and 8 p.m.; 4 February, 10 a.m., 2, 5, and 8 p.m.; and 5 February, 1 and 4 p.m. Theatregoers can purchase tickets (\$20 regular; \$12 for students) which will admit them to all festival events. Single

events tickets are \$3.

The plays will be read by fourth-year students in the BFA program. Members of the professional artistic community will augment the performances.

Funding for the Festival was obtained from the University/Community Special Projects Fund, the Alberta Playwrighting Centre, and the Clifford E. Lee Foundation. □

## service information

All information to be included in this column must reach the Office of Community Relations by 9 a.m. the Thursday prior to publication.

## Coming Events

### Lectures and Seminars

#### Department of Forest Science

26 January, 3:30 p.m. Jeff Mitton, University of Colorado, "Demographic, Genetic Studies of Ponderosa Pine." 344 Chemical/Mineral Engineering Building.

#### Club IDC

26 January, 5 p.m. Hasan Gardezi, Professor of Sociology, Algoma University,

"The Military in the State: The Case of Pakistan." L-2 Humanities Centre.  
 27 January, 3 p.m. Seminar on Development, "Educational Expansion—the Relationship to Development." 4-114 Education North.  
 28 January, 3 p.m. Dr. Gardezi, "Human Rights and the Rule of Law." 129 Education South.

### Faculty of Medicine

27 January, 8 a.m. Dr. Lakhani, "Electricity and the Heart." 2-115 Clinical Sciences Building.  
 27 January, 8 a.m. J. Murray, Dalhousie University, "Aspects of Multiple Sclerosis Research." 2-115 Clinical Sciences Building.  
 31 January, noon. B. Lentle, H. Hooper, Z. Katz, P.S. Allen, H. Penny and J.R. Scott, "Acronyms Unlimited." Auditorium, Cross Cancer Institute.

### Department of Sociology

27 January, 10 a.m. John Myles, Department of Sociology, Carleton University, "The Canadian Class Structure: a Guide for Data Users." 5-15 Tory Building.  
 27 January, 2 p.m. John Myles, "Class in Canada: Towards a Comparative Analysis." 14-9 Tory Building.  
 1 February, noon. T. Hartnagel, R. Silverman, and J. Creechan, "Explaining Attitudes Toward Approval of Legal Abortion." 5-15 Tory Building.  
 8 February, noon. K. Krotki, "Baluchistan: Another Demographic Nigeria?" 5-15 Tory Building.

### Faculté Saint-Jean

27 et 30 janvier, 10h30. Marc Honegger, "La symphonie dramatique Roméo et Juliette de Berlioz." Faculté Saint-Jean, Salle 03.  
 1 et 3 février, 10h30. Marc Honegger, "Pelléas et Mélisande de Debussy." Faculté Saint-Jean, Salle 03.  
 1 février, 20h00. Marc Honegger, "La peinture, la poésie et la musique: peut-on les dominer toutes à la fois au vingtième siècle?" Faculté Saint-Jean, Salle 03.  
 M. Honegger est un visiteur distingué grâce au fond du "Endowment Fund for the Future—Distinguished Visitors."

### St. Joseph's College

27 January, 2:30 p.m. D. Geernaert, "Foundations of a Feminist Theology." St. Joseph's College.

### Department of Zoology

27 January, 3 p.m. Dean Befus, Department of Immunology, McMaster University, "Beaver Fever (Giardiasis) in West Africa: Maternal-Infant Relationship." CW-410 Biological Sciences Building.  
 3 February, 3 p.m. Don Forrester, Department of Preventive Medicine, University of Florida, "Ecology of Disease and Parasitism in Wild Turkeys in Florida." CW-410 Biological Sciences Building.

### Alberta Heritage Foundation For Medical Research

30 January, 11 a.m. Ian Jardine, Mass Spectrometry Centre, Mayo Clinic and

Foundation, Rochester, Minnesota, "Mass Spectrometric Analysis of Biological Oligomers." V-107 Chemistry/Physics Building.

31 January, 4 p.m. M.J. Fraser, Department of Biochemistry, McGill University, "Neurospora Endo-Exonuclease: A Recombinase." Hosted by the Department of Biochemistry. 2-27 Medical Sciences Building.

### Department of Entomology

30 January, 4 p.m. Stewart B. Peck, Department of Biology, Carleton University, "Lord Howe Island: Questions of South Pacific Biogeography." 245 Earth Sciences Building.  
 31 January, 4 p.m. Dr. Peck, "Ecology and Evolution of Cave Beetles." 245 Earth Sciences Building.

### Faculty of Nursing

30 January, 3:30 p.m. Jenniece Larsen, "Research on Career Development of Nurses." 3-101 Clinical Sciences Building.

### Department of History

31 January, 3:30 p.m. Wladyslaw A. Serczyk, Jagellonian University, Krakow, Poland, "Peter the Great's Russia Faces the West." 2-58 Tory Building.  
 7 February, 3:30 p.m. Dr. Serczyk, "Russian Enlightened Absolutism." 2-58 Tory Building.

### Slavic and East European Studies

31 January, 3:30 p.m. E. Mozejko, "The Socio-Political Thought in the Works of V. Aksenov." 311 Athabasca Hall.

### Department of Botany

1 February, 3:30 p.m. Michael S. Ross, "Population Structure of Tree Species and Stand Succession." M-137 Biological Sciences Building.  
 8 February, 3:30 p.m. Peter L. Achuff, Northern Forest Research Centre, "Ecological Land Classification in the Mountain National Parks." M-137 Biological Sciences Building.

### Department of Anatomy

1 February, 4 p.m. W.E. Burkel, Professor of Anatomy and Cell Biology, University of Michigan, "Living Cells as an Interface for Artificial Prostheses." 2-27 Medical Sciences Building.  
 2 February, 4 p.m. W.E. Burkel, "Vascular Substitutes, the Problems of Thrombosis, Intimal Hyperplasia and Their Prevention." 6-28 Medical Sciences Building. Dr. Burkel's visit is sponsored by the Alberta Heritage Foundation for Medical Research.

### Limnology and Fisheries Discussion Group

2 February, noon. Nancy Munn, "Temporal Phosphorus Dynamics in Two Alberta Streams." G-217 Biological Sciences Building.

### Department of Geography

3 February, 3 p.m. R.B. Rains, "Holocene Alluvial Terraces in Parts of the North Saskatchewan River Basin." 3-36 Tory Building.

### Department of Secondary Education

9 February, 9:30 a.m. Betty A. Reardon, Columbia University, "Peace Education in the Nuclear Shadow." 116 Education South.

### Faculty of Arts

9 February, 8 p.m. K. Krotki, "Are Canadians Dying Out? From the Baby Boom Through the Baby Bust to...." L-2 Humanities Centre.

### Music

### Department of Music

All events take place in Convocation Hall, unless otherwise specified.  
 29 January, 8 p.m. A Faculty Recital with Helmut Brauss, piano.  
 5 February, 2:30 p.m. The Old Strathcona Town Band presents *A Grand Concert*, complete with soloists and fast music.  
 6 February, 8 p.m. St. Cecilia Orchestra—Malcolm Forsyth, conductor.

### Exhibitions

### Ring House Gallery

Until 12 February. "The Nude in Modern Photography." This exhibition of 45 photographs presents a survey of the nude in 20th century photography.  
 Until 19 February. "Soho Duo." Buster Cleveland and E.F. Higgins III, the Soho Duo, present an exciting exhibition of Mail Arts, dating from 1977 to 1983.

### Films

### Chaplains' Association

Out of the Whirlwind: A Holocaust Film Series. An exploration of the Holocaust through documented history, court evidence, film and survivors. A film and discussion series.  
 31 January, 8 p.m. "Life in Death in the Concentration Camps." "Night and Fog"—France, 1978, Alain Resnais; and "From the Ashes"—CBC, 1975.  
 7 February, 8 p.m. "Jewish Resistance to Nazi Terror." "The Warsaw Ghetto"—BBC London, 1978.

### Department of Germanic Languages

1 February, 7:30 p.m. "Woyzeck" (1978). Admission free. Arts 17.

### Radio and Television

### Radio

Programs broadcast on CKUA radio 580 AM and 94.9 FM.  
 28 January, 7 p.m. University Concert Hall: Recital with Diane Nelson, soprano, and Alexandra Munn, piano.  
 1 February, 7 p.m. Celebrations: Interview and reading with Katherine Govier.  
 4 February, 7 p.m. University Concert Hall.

### Television

Programs broadcast on ETV Q-9 and C-13.  
 1 February, 8 p.m. International Affairs—"Prospects for the Law." Guest: Sir Zelman Cowen, former Governor General, Australia.

### Matters of Faith

### Anglican-United Campus Ministry

Tuesdays, noon. Bible study; Thursdays, noon. Eucharist. Bring bag lunch. 158 SUB.

### SUB Theatre

### Films

6 February, 8 p.m. The Edmonton Film Society presents the 7th film in its International Series—"Stalker" (1979). Admission by series tickets only, available at SUB Box Office, Woodward's, and the door.

### Concerts

2 and 3 February, 7 p.m., and 4 February, 6 p.m. The U of A Medical Students' Association presents its annual "Med Show." Tickets available from all Medicine students.  
 7 to 11 February, 8 p.m. The Students' Union Theatre presents "Les Ballets Jazz De Montreal." Tickets available at all BASS outlets.  
 8 February, 11:30 a.m. The U of A Students' Union Annual "Election Rally." Open to all students.

## Non-Credit Courses

### Computing Services

### MTS (Michigan Terminal System)

MTS and Editor Fundamentals (Prerequisite)  
 AJ510 Operation and Visual Editing  
 MTS Overview (Prerequisite)

### TEXTFORM

Introduction to Text Formatting (Prerequisite)  
 Advanced Text Formatting

### SPIRES

Introduction to SPIRES (Prerequisite)  
 Advanced SPIRES

### Graphics

Introduction to Plotting  
 Integrated Graphics Overview

### Statistics

Data Preparation for Statistical Packages (Prerequisite) Introduction to SPSSx  
 SPSSx Conversion  
 Introduction to BMDP  
 Introduction to MIDAS  
 Introduction to MINITAB  
 Introduction to TROLL

page five, Folio, 26 January 1984



### Microcomputers

Introduction to the IBM PC  
The above courses are all offered regularly through the day with limited evening selections. Registration will be taken over the phone for all courses except evening courses. These may be made in person at 352 General Services Building, or by mail. Payment must accompany registration for all evening courses. Please make cheques payable to the University of Alberta.

### Waiting List Courses

The following courses are only offered when a sufficient number of people express an interest.  
Courier Operation and Visual Editing  
Introduction to Programming  
Introduction to Typesetting  
Introduction to APL  
Introduction to the Array Processor  
Introduction to APAL  
Introduction to Clustan  
Introduction to TSP  
Introduction to Osiris  
For more information on any of the courses listed above, telephone the Training Assistant at 432-2511, between 8:30 and noon, weekdays.

### Faculty of Extension

#### Real Estate Education

For further information on the courses listed below, telephone 432-5060.  
Advanced Real Estate Law  
Appraisal of Real Property  
Contract Law for Real Estate Personnel  
Property Management  
Real Estate and Mortgage Finance

#### Land Use Planning Studies

For further information on the courses listed below, telephone 432-2912.  
The Business of Practicing Architecture  
The Planning Profession in Slow Growth: Year Two: Where to From Here?  
Slow Growth—Year II  
Planning Commercial and Industrial Areas  
An Introduction to Small Towns

#### Liberal Studies

For a Winter-Spring 1984 Brochure, telephone 432-3033.  
Mushrooms: Edible and Inedible  
Bird Families in Alberta—A Survey  
Ministick Hills Bird Study Weekend  
Oral French (six levels)  
Intensive French/Cours Intensif de Français

#### Business and Professional

For further information on the courses listed below, telephone 432-5066 or 432-5067.  
Salary and Wage Administration  
Assertive Management for Women  
Organizational Climate  
Short Course on the Income Tax Act  
Managing People in Times of Economic Restraints

#### Women's Programs

For further information on the courses listed below, or to receive a brochure, telephone 432-3093.  
Women in the Economic Crisis  
Moving Beyond the Cinderella Complex  
The Firing Line

### Applied Behavioral Sciences Division

For further information on the courses listed below, telephone 432-5069.  
Explorations in Consciousness  
Expanding Your Life Opportunities  
Through Self-Awareness and Encouragement

### Department of Electrical Engineering

#### CAD Group

For further information on the courses listed below, telephone Phil Haswell at 432-5966 or 432-5877.  
CADDs 4 Basic—30 January to 10 February  
Basic PC/ES (Printed Circuit/Electrical Schematic)—27 February to 9 March  
Basic PC/ES (Printed Circuit/Electrical Schematic)—19 to 30 March  
Advanced PC/ES—30 April to 4 May (tentative)

### Devonian Botanic Garden

For further information on the courses listed below, telephone 987-3054.  
Wildflowers of the World—Join the staff of the Garden for a series of seven weekly slide shows encompassing the flora of several continents.  
Botanical Illustrating and Drawing—An introduction to drawing emphasizing those techniques and skills useful for illustration.

## Notices

### General Faculties Council

GFC's next meeting is scheduled for *Monday, 30 January*, at 2 p.m. in the University Hall Council Chamber.  
1. Approval of the Agenda  
2. Approval of the Minutes of 28 November 1983  
3. Question Period  
4. New Members of GFC 1983-84  
*Reports*  
5. Executive Committee Reports  
5.1 Executive Committee Minutes of 21 November 1983  
5.2 Executive Committee Minutes of 5 December 1983  
5.3 Executive Committee Minutes of 9 January 1984  
5.4 Executive Committee Minutes of 16 January 1984  
6. Report of the Board of Governors  
7. Report of the Nominating Committee  
*New Business*  
8. Unadvertised Academic Staff Vacancies: Report from the Vice-President (Academic)  
9. Method of Approving New Programs: Proposal from the Academic Development Committee (ADC) and from the Planning and Priorities Committees (PPC)  
10. Committee on Admissions and Transfer: Annual Report  
11. Report of the Senate Lay Observers of

the Admission Process in Quota Faculties: 1983 Admissions

12. Facilities Development Committee: Annual Report
13. Nominating Committee Replenishment
14. Council on Student Services: Annual Report
15. Procedures Governing Absences of Deans and Chairmen: Letter from the Vice-President (Academic)
16. Reapportionment of Staff and Student Seats on GFC
17. Other Business

Members of the University community may telephone the Secretary to GFC, 432-5430, regarding the possibility of additional items appearing on the agenda as a result of a recent meeting of the GFC Executive Committee.

### Conference Funds Committee

The Conference Fund of the University may provide modest financial support for conferences, conventions, and symposia of an academic nature (as distinct from visiting lectureships) held in the province and sponsored or hosted by the University or its students or student organizations. The Fund is administered by a Conference Funds Committee of General Faculties Council and is the only fund in the University for this purpose. All applications for grants should be submitted to the Chairman of the Committee. Special application forms are available, along with related information sheets. The Chairman is Dr. W.M. Schultz, Department of Rural Economy, 515 General Services Building, telephone 432-3222.

### Satellite Television Reception

Some departments have expressed an interest in receiving television programs direct from satellite, which means setting up a receiver (dish) on campus. Anyone who also has an interest is asked to contact Bill Jopling or Wes Denison of the Department of Radio and Television. The telephone numbers are 432-3302 and 432-4962.

## Surplus Equipment

*The equipment appearing in this column is available only to University Departments with University Administered Funds. For further information about the purchase of equipment or the disposal of any of your department's surplus equipment, contact Roslyn Hanchard or Roy Bennett, telephone 432-3208.*

For Sale: 1 Racal Vadic 3413 (Acoustic Coupler)

For further information, telephone Anita Moore, 432-4999 or 432-4512.

Wanted: AV3400 Black and White Sony Portapak

For more information, telephone Dr. J. Nelson, Zoology, 432-4741.

## Positions Vacant

*The University of Alberta is an equal opportunity employer but, in accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.*

### Non-Academic Positions

**A hiring freeze was put in place 18 November 1983. This affects all non-academic vacancies previously advertised with the exception of the positions funded from Trust/Research accounts.**

*To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. As positions are filled on an on-going basis, these vacancies cannot be guaranteed beyond 19 January 1984. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR.*

## Project Renew

### A Lifestyle Renewal Programme for Healthy Adults

For People Who Are:

- \*Smokers
- \*Overweight
- \*Under Exercised
- \*Overstressed

**Starts January 30th. Act now!**  
**A Project of the Staff Fitness and Lifestyle Offices**

### Campus Recreation

**432-5607**

**432-2934**

Clerk Typist III (Term) (\$1,294-\$1,561)  
Housing and Food Services  
Secretary (Term) (\$1,442-\$1,766) Plant  
Science  
Technician I/Technologist I (Trust)  
(\$1,497-\$2,092) Physiology  
Technician I/Technologist I (Trust)  
(\$1,497-\$2,092) Immunology  
Technician I (Trust) (\$1,497-\$1,842) Medi-  
cine  
Biology Technologist II (Trust)  
(\$1,920-\$2,378) Genetics

## Advertisements

Advertisements must reach the Editor by 3 p.m. on the Thursday prior to publication date which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 30 cents per word with no discount for subsequent insertions. There are no refunds. There is a maximum limit of thirty words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone.

### Accommodations available

Sale - Three-bedroom home, semi-detached, quiet crescent, 1,375 sq. ft., five appliances, fireplace, security features.

\$77,900. Joyce Byrne. Spencer's, 435-6064, 436-5250.

Sale - Must be sold, four-bedroom, Clarendon home. Fireplace, family room, excellent condition. \$124,500. Joyce Byrne, Spencer's, 435-6064, 436-5250.

Private sale - Priced accordingly - Grandview. Superb family home. Large split, four bedrooms up. Den, rumpus room, screened patio, attached garage. Beautifully treed. Outstanding elementary-junior high. Date negotiable. \$179,500. 434-5064.

Sale/rent - Owner. S.W. Ermineskin. Bargain. 436-6810 evenings/weekends.

Sale - Two, 1 1/2-storey, University area homes. Both have quiet locations and large lots. Call Chris Tenove, 433-5664, 436-5250.

Sale - Charming, two-bedroom bungalow with single car garage. Walking distance to University. Oak, hardwood floors accentuate cheery dining, living, and master bedroom. Mint condition. Penny Staners, 459-1155, 459-3900.

Sale - Three-bedroom house, finished basement. Near University. 1,000 sq. ft. \$72,000. 455-0219.

Sale - Two-bedroom house. Jasper Place. Lot 50'x150'. \$43,000. Vendor will carry mortgage. 9 1/2%, up to \$35,000. 455-0219.

Sale - One-bedroom condominium, Garneau Place. Complete with five appliances. Air-conditioned. Underground, heated parking. 433-3479 evenings.

Sale - By owner, Groat Estates, ten minutes to University. Two-storey, 1,260 sq. ft. home. Three bedrooms, 1 1/2 baths, new wood floors, well taken care of. \$99,500. 451-0276, 474-2920.

For sale - By owner, walk to University. Condominium. Two bedrooms and den. Six appliances, fireplace, underground parking. Call 439-9526 after 6 p.m. on weekdays.

For lease - Luxury townhome. Ravine location in Westridge. 2,200 sq. ft. Three bedrooms. Jacuzzi. Sauna. Numerous other features. Furnished. \$1,200/month. 1 May. 16 months. DeAnna Larson, 436-5250. 481-0936.

Sale - Walk to University from your luxury condominium. Prices range from \$89,900 - 129,500. Amenities include swimming pool, jacuzzi, sauna, etc. For appointment to view, call Carolyn Smith, 435-6843. A.E. LePage, 436-5080.

### Goods for sale

Birchwood - Split, dry, delivered to your door. Call MJB Construction. 487-7514.

Books bought and sold - The Edmonton Book Store in HUB Mall will pay cash

for book collections and individual, rare items. Appraisals available. Open seven days a week. 433-1781.

Free to good home, two German Shepherd, herd, cross Weimaraner pups. Born 30 November. Family raised, house broken. Female pup, solid black. Male, solid grey. 987-3182 after 6 p.m. or 432-3274.

### Services

Donnic Word Processing. Specializing in theses, manuscripts, etc. 8315A-105 St. 432-1419.

Singing teacher, Eileen Turner, 439-4661. Backaches? Stress? Tension? Relief promised at Back Basics. Physiotherapist Maria Krieg uses heat, massages, chiropractic and interferential electrotherapy for special treatments. (Gift certificates). 11627-75 Ave. 436-8059.

Do your own typing on our word processors, \$5/hour. Letter quality (daisy wheel) printers. Limited training available (easy to learn). For information, call U of A Printing Services, 432-3754.

Parkallen Community League, evening

# DO YOU HAVE SUGGESTIONS

## FOR ALBERTA UNIVERSITIES?

You are invited to participate in a meeting of the Minister's Advisory Committee on University Affairs, chaired by Dr. Terry Moore, to be held on

**MONDAY, JANUARY 30**  
**UNIVERSITY OF ALBERTA**  
Room 3-15 University Hall  
10:30 a.m. to 11:45 a.m.  
1:30 p.m. to 4:30 p.m.

**TUESDAY, JANUARY 31**  
**WESTIN HOTEL**  
101 Avenue and 100 Street  
Turner Valley Room  
10:30 a.m. to 12:00 noon  
3:00 p.m. to 4:30 p.m.

The Advisory Committee on University Affairs is made up of citizen volunteers representing all areas of the province. Its purpose is to solicit the views of the public on matters affecting Alberta's universities and to pass them immediately and directly to the Minister of Alberta Advanced Education.

All interested persons are invited to attend. Groups and individuals wishing to speak with the Committee, or make written presentations should contact

Dr. Gail Babcock  
Executive Secretary  
6th Floor, East Tower  
Devonian Building  
11160 Jasper Avenue  
EDMONTON, Alberta T5K 0L1  
Phone 427-8493 (call collect)

**Alberta**  
ADVANCED EDUCATION

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20% off  
all items in stock  
30%-50% off  
selected items

january 4 - february 4

for Cooks and Kitchens  
HUB Mall

8910 - 112 Street 439-7788  
10:5:30 Mon. - Sat.

courses, 7:30 p.m.: Monday - massage, \$50. Tuesday - crochet, \$20. (Also Wednesday afternoons 1:30-3:30). Wednesday - knitting, \$20. Start February, call Beatrice, 437-4130, evenings. Finishing carpentry and all types of interior renovations. Upgrade your home with new doors, feature wall, etc. Work completed by professional tradesmen. 432-7974. Professional typist - Word processing. Specializing in theses and dissertations. Gwen, 467-9064.

Experienced English nanny will babysit, full or part-time (four years' experience). References available. For more information, call 438-5022. Word Processing - 475-3867. Manuscripts, résumés, financial, typesetting, all stats, etc. Yoga for health and fitness: Classes on campus, Wednesday evenings. Phone Carol, 471-2989, evenings, weekdays. Word processing - \$18/hour. Typing - from \$1.50/page. Greek symbols and equations. 432-0138.



## The Senate

The University of Alberta

### Nominations for Public Members

We invite nominations from members of the public and/or associations to fill several vacancies on the University Senate. Volunteer members serve on Task Forces and committees dealing with educational issues. Senate meets formally four or five times a year.

It is the duty of the Senate to inquire into any matter that might tend to enhance the usefulness of the University.

There are no formal qualification requirements but consideration will be given to community service of nominees from central and northern Alberta. Members serve for a three-year term beginning July 1.

The deadline for receipt of nominations in the Senate office is March 1, 1984. Nomination forms requiring the signature of two nominators are available from:

The Chairman, Nominating Committee  
The Senate  
The University of Alberta  
150 Athabasca Hall  
Edmonton, Alberta T6G 2E8

Telephone 432-2268

## The University of Alberta Faculty of Dentistry

*Division of Periodontics  
is starting a  
new Research Project*

We are selecting patients with advanced gum disease (pyorrhea).

If you have:

- sore bleeding gums
- history of gum infections/abscesses
- loose teeth

Please contact the periodontal clinic, telephone 432-4475, for a screening appointment.

If you are accepted for this project the necessary periodontal treatment will be at a

**Nominal Reduced Fee**

# INTEREST BONUS '84

**Jan. 2nd – Feb. 4th**

All new investments\* made to your Co-op daily interest account from Jan. 2nd – Feb. 4th/84 will earn you

**7 1/4 %\*\***

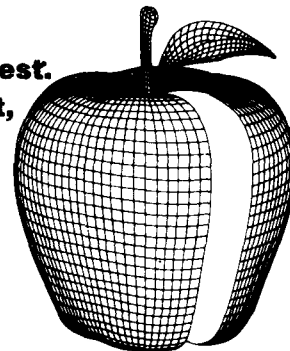
from Jan. 1 provided the funds remain in your Co-op daily interest savings account at least 21 days from the date of investment

\*New investments are defined as funds not previously invested in any Co-op account \*\* Rate calculated daily compounding annually Subject to change without notice

**Prizes-Prizes  
Ask about our contest.  
Any way you slice it,  
It's a bonus!!**

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